BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Estimate Cost Rs. 800000.00

Name of Work: Detailed Estimate for the work of Construction of CC road at MIG 3rd phase in phase in ward no-04.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no142, PWD SR 2016-17)	cum							
	for CC road road cuting		6	3.00	0.75	0.20	2.70		
			9	3.00	1.50	0.20	8.10		
			7	2.50	1.50	0.20	5.25		
	desilting of existing drains		2	20.00	0.60	0.60	14.40		
			2	50.00	0.60	0.60	36.00		
			2	55.00	0.60	0.60	39.60		
							106.05	**96.48**	**10232.00**
	Basic Rate	82.00							
	Ad-HOC 11%	9.02							
	Sub Total	91.02							
	Area Weightage 6%	5.46							
	Grand Total	96.48							
2	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 134 (SR 2016-17)	cum							
			Vide Item No. 1				**106.05**	**110.13**	**11679.00**
	Basic Rate for loading and unloading	68.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	93.60							
	Ad-HOC 11%	10.30							
	Sub Total	103.90							
	Area Weightage 6%	6.23							
	Grand Total	110 13							

S No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No.KBS 4.1, 4.2 (P.12/I.4.3)/ PWD SR 2016-17	Cum							
	for CC road road cuting		6	3.00	0.75	0.10	1.35		
			9	3.00	1.50	0.10	4.05		
			7	2.50	1.50	0.10	2.63		
							8.03	**5726.51**	**45955.00**
	Basic Rate	4867.00							
	Ad-HOC 11%	535.37							
	Sub Total	5402.37							
	Area Weightage 6%	324.14							
	Grand Total	5726.51							
4	KSRRB M600-6: cement concrete pavement, construction unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1051.2 2M20/M30 at 380/450 kg per cum, coarse and fine aggregate conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including leveling the form work as per drawing,), spreading the concrete with shovels, rackers compacted using needle, scred and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved curing compound, finishing to lines and grade as per drawing complete as per specification M30(at 360kg per cum coarse aggregate @ 0.69cum and fine aggregare @ 0.46cum), , No. 174/ Item No. 22.6.1 SR 2016-17	Cum							
	for cc road		1	35.00	3.00	0.12	12.60		
			1	35.00	3.00	0.12	12.60		
			1	40.00	3.20	0.12	15.36		
			2	30.00	3.00	0.12	21.60		
			1	60.00	3.00	0.12	21.60		

o	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							83.76	6901.94	578106.00
	Basic Rate	5866.00							
	Ad-HOC 11%	645.26							
	Sub Total	6511.26							
	Area Weightage 6%	390.68							
	Grand Total	6901.94							
5	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift. Page No 177 Item No 22 7 SR 2016-17	**Sqm**							
			1	35.00	3.00		105.00		
			1	35.00	3.00		105.00		
			1	40.00	3.20		128.00		
			2	30.00	3.00		180.00		
			1	60.00	3.00		180.00		
							698.00	105.89	73914.00
	Basic Rate	90.00							
	Ad-HOC 11%	9.90							
	Sub Total	99.90							
	Area Weightage 6%	5.99							
	Grand Total	105.89							
6	Providing groove cutting for width of 5mm to 100m depth 80mm-100 including cost of cutting machine, generatoe & HOM of machinery, including cost of blade, coolant etc., including cleaning of groove & providing sand and hot birumen fillars, and filler metal etc., including cost of conveyance of all materials,. Labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. do- for concrete pavement Item no 22.8.1 Page No 178 SR 2016-17	**Rmt**							
	for cc road		10	3.00			30.00		
			9	3.00			27.00		
			9	3.20			28.80		
			9	3.00			27.00		
			12	3.00			36.00		
							0.00		
							148.80	135.31	20134.00
	Basic Rate	115.00							
	Ad-HOC 11%	12.65							
	Sub Total	127.65							
	Area Weightage 6%	7.66							
	Grand Total	135.31							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	RCC Precast covering slab for drain (10cm thick) missing covering slabs	sqm	1	31.00	0.90		27.90		
	Rate Approved by BBMP	2100.00					27.90	2100.00	58590.00
8	Miscellaneous charges								1390.00
								Total	800000.00

(Rupees Eight Lakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2016-17
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka satellitetown Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 8.00 lakhs
Eight Lakh only
is a under head P.1771
2017-18
Reg CE No. Subject
to c
No. EE/AA/62/17-18 8.2.18

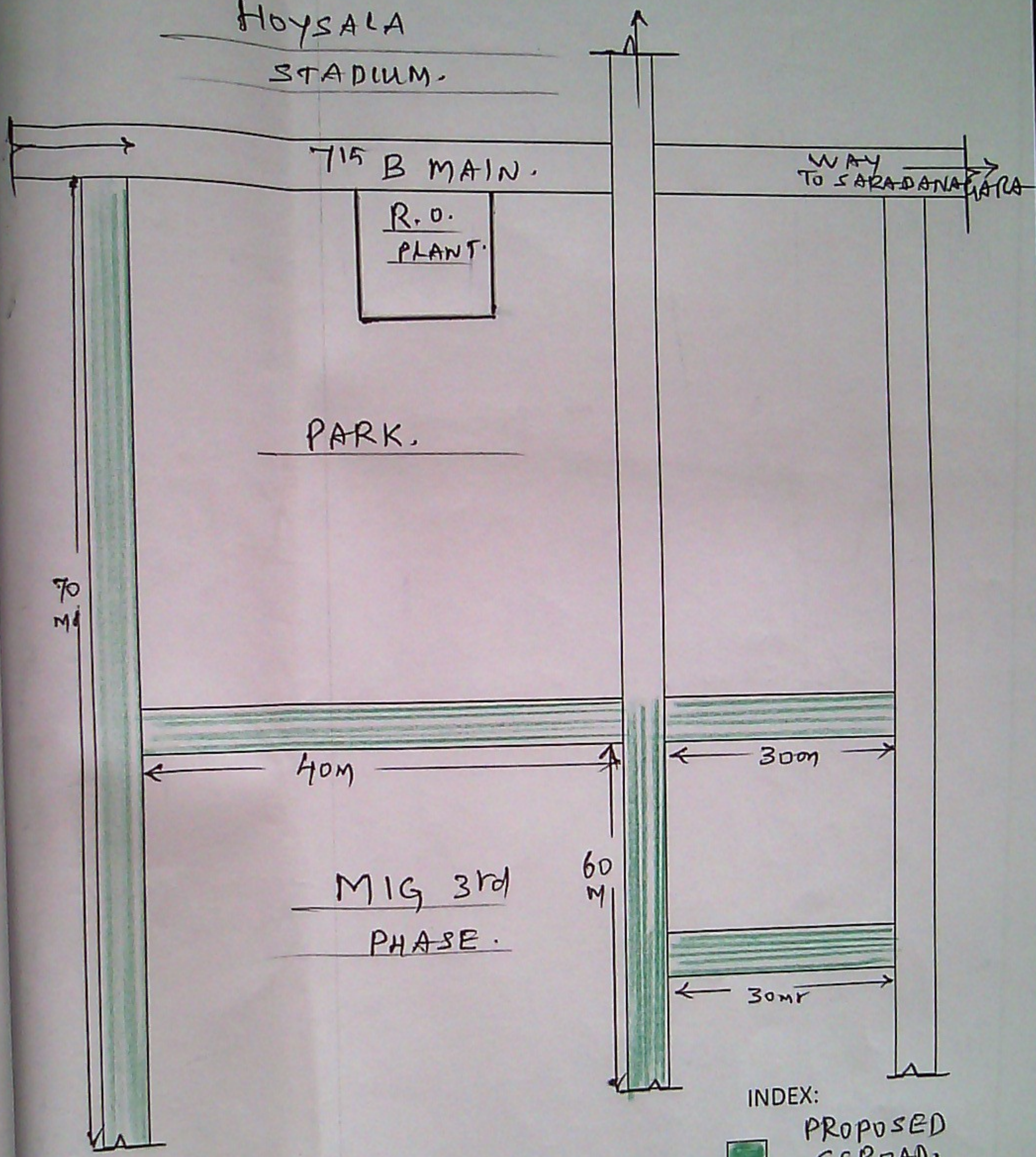
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 8.00 lac
Rupees Eight Lakhs only
Under P.1771-2017-18
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /91
Dt. EE/TS/91/2017-18
Dated 16.02.2018 8.00 lac

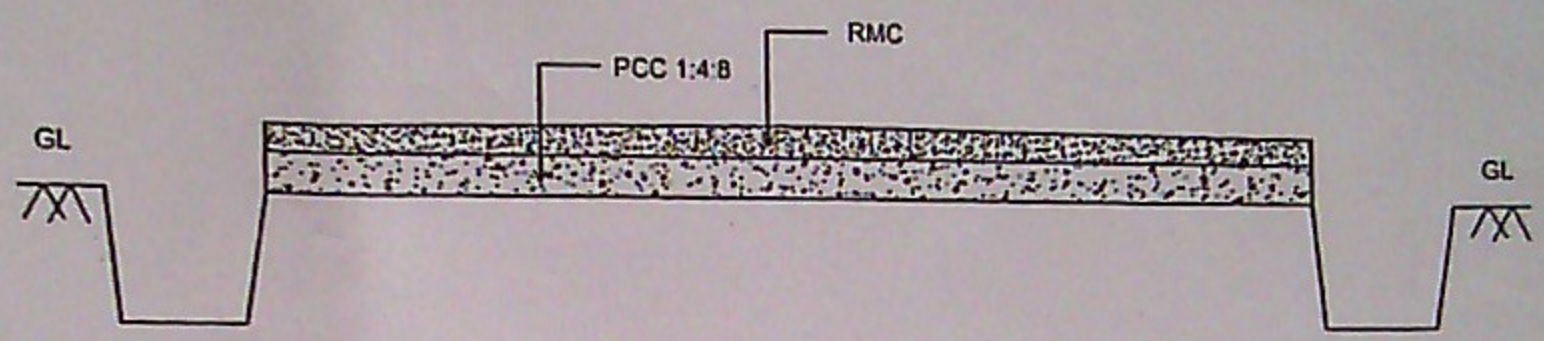
Executive Engineer

NAME OF WORK:

Construction of CC roads at MIG 3rd phase in ward no-04.



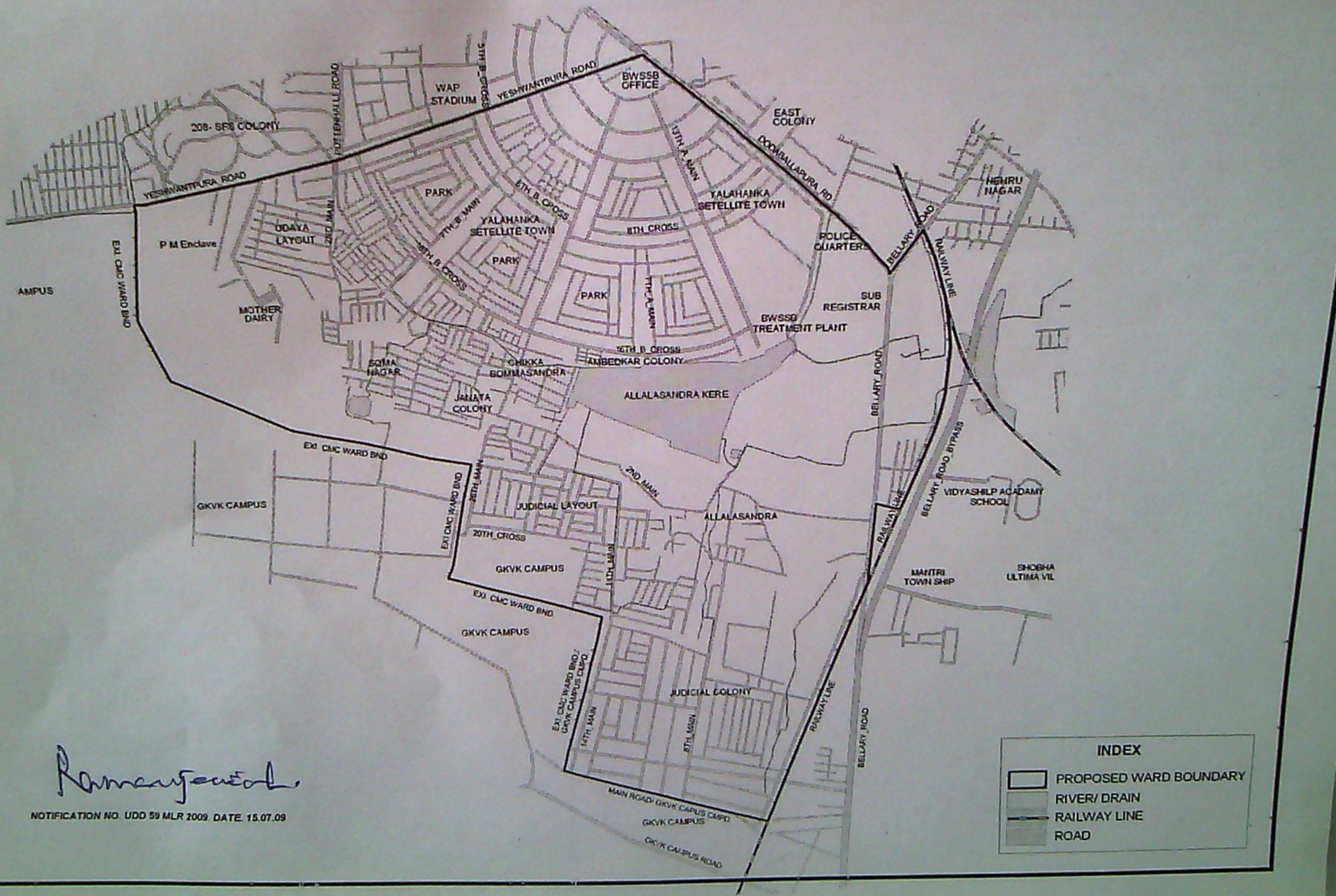
A.E. Ramangeerth



TYPICAL CROSS SECTION OF CC ROAD

Ramagerwal

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 4 - YELHANKA SATELLITE TOWN



NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09